

Mineral Industry Surveys

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COPPER IN AUGUST 2006

U.S. mine production of copper in August declined by about 3% from that in July but was about 12% higher than that in August 2005, according to data compiled by the U.S. Geological Survey. Production at ASARCO Incorporated's Ray and Mission Mines in Arizona had been curtailed in August 2005 by a workers strike. Production and consumption of refined copper in August 2006 were essentially unchanged from that in July.

U.S. Census Bureau data indicated that more than 200,000 metric tons of copper contained in copper concentrates was exported during the first 7 months of 2006. Preliminary analysis of these data, however, indicates that much of these concentrates exports data are reported in gross weight instead of copper content, and the content value is likely to be significantly revised downward.

Over a 4-month period beginning in June, several global mining companies vied for control of Canadian metals producers Inco Ltd. (Toronto, Ontario, Canada) and Falconbridge Ltd. (Toronto, Ontario, Canada). On June 25, Phelps Dodge Corp. (Phoenix, AZ), Inco Ltd., and Falconbridge Ltd., entered into a "combination agreement" whereby Inco would first acquire Falconbridge, and Phelps Dodge would then acquire the enlarged Inco. On July 28, Inco, failing to acquire its minimum tender condition of 50.01% of Falconbridge common shares, terminated its offer for Falconbridge. On September 5, Inco and Phelps Dodge terminated their agreement, and Inco paid Phelps Dodge a gross termination fee of \$125 million (\$82.3 million net of expenses), freeing Inco to solicit acquisition proposals. Inco had already received (August 14) an all-cash offer from Companhia do Vale Rio Doce (Rio de Janeiro, Brazil) (CVRD) for 100% of Inco's outstanding common shares. By expiration of its initial offering period on October 23, CVRD had secured control of Inco and had acquired almost 76% of the company's common shares, and by November 3, CVRD held 87% of Inco's common shares and was seeking to acquire the balance. Meanwhile, on July 19, Xstrata plc (Zug, Switzerland) extended a cash offer to purchase all of the outstanding common shares of Falconbridge, and by

November 1, had acquired 100% ownership (Companhia do Vale Rio Doce, 2006; Inco Ltd., 2006; Phelps Dodge Corp., 2006, p. 5; Xstrata plc, 2006).

Xstrata plc is a global mining company with significant holdings in seven mineral commodities, including copper. Xstrata Copper is headquartered in Brisbane, Australia, and, according to the company, is one of the leading global producers of copper with annual managed production of more than 1 million metric tons of copper from operations in Argentina, Australia, Canada, Chile, and Peru (Xstrata plc, 2006¹). CVRD is the leading global producer of iron ore and has significant interests in aluminum, kaolin, and fertilizer raw materials. In 2004, CVRD entered the copper market with the startup of the Sossego Mine in Brazil, and is developing nickel projects in Brazil (Companhia do Vale Rio Doce, 2006[§]).

References Cited

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Xstrata plc, 2006, Xstrata completes acquisition of Falconbridge; Falconbridge completes redemption of preferred shares: Zug, Switzerland, Xstrata plc news release, November 2, 1 p.

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- Companhia do Vale Rio Doce, 2006, Company fact sheet; CVRD overview, accessed November 6, 2006, at URL http://www.cvrld.com.br/cvrld_us/media/factsheet.pdf.
Xstrata plc, 2006 (November 6), About Xstrata, accessed November 9 at URL <http://www.xstrata.com/news/200611063.en.pdf>.

¹References that include a section mark (§) are found in the Internet References Cited section.

TABLE 1
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES¹

(Metric tons, unless otherwise specified)

	Source table ²	2005 ^p	2006		January - August
			July	August	
Production:					
Primary:					
Mine, recoverable	(2)	1,140,000	103,000	100,000	793,000
Refinery:					
Electrolytic:					
Domestic and foreign	(4)	654,000	58,200	59,000	483,000
Electrowon	(4)	554,000	45,200	43,600	354,000
Total	(4)	1,210,000	103,000	103,000	838,000
Secondary recoverable copper:					
Refineries	(5)	47,200	3,700	3,700	29,800
Ingot makers ³	(5)	89,500	7,460	7,460	59,700
Brass and wire-rod mills	(5)	697,000	60,100	61,700	501,000
Foundries, etc. ³	(5)	58,400	4,870	4,870	38,900
Smelter, total	(3)	523,000	42,500	45,100	401,000
Consumption:					
Apparent	(8)	2,400,000 ^r	193,000	NA	NA
Refined (reported)	(7)	2,270,000	182,000	182,000	1,510,000
Purchased copper-base scrap	(9)	1,130,000	95,400	99,300	797,000
Stocks at end of period:					
Total refined	(11)	65,900	86,400	91,500	XX
Blister, etc.	(11)	44,300	18,500	14,600	XX
Prices:					
U.S. producer cathode (cents per pound) ⁴	(12)	173.493	368.147	358.887	306.252
Imports: ⁵					
Ores and concentrates ⁶	(14)	223	--	NA	NA
Refined	(14)	1,000,000	91,400	NA	NA
Exports: ⁵					
Ores and concentrates ⁶	(15)	137,000	53,100	NA	NA
Refined	(15)	39,500	6,010	NA	NA

^pPreliminary. ^rRevised. NA Not available. XX Not applicable. -- Zero.

¹Data are rounded to no more than three significant digits, except prices; may not add to totals shown.

²Numbers in parentheses refer to the significant tables where these data are located.

³Monthly data and 2005 cumulative data estimated based on 2004 monthly average.

⁴Source: Platts Metals Week.

⁵Source: U.S. Census Bureau.

⁶Copper content.

TABLE 2
MINE PRODUCTION OF RECOVERABLE COPPER IN THE UNITED STATES¹

(Metric tons)

Period	Recoverable copper			Contained copper		
	Arizona	Others ²	Total	Electrowon	Concentrates ³	Total
2005: ^p						
January - August	473,000	303,000 ^r	776,000 ^r	368,000 ^r	419,000 ^r	788,000 ^r
August	55,200	33,800	89,000	47,300	42,800	90,100
September	53,500	39,200	92,700	46,300	47,700	93,900
October	53,300	35,200	88,500	45,200	44,500	89,700
November	52,800	34,100	86,900	45,800	42,300	88,100
December	57,500	38,300	95,800	48,000	49,200	97,200
Year	690,000	450,000	1,140,000	554,000	603,000	1,160,000
2006:						
January	55,900	36,600	92,600	43,000	51,300	94,300
February	52,700	34,400	87,100	39,600	49,200	88,800
March	60,800	44,400	105,000	45,300	62,000	107,000
April	58,900	39,000	97,900	44,400	55,400	99,900
May	61,900	44,000	106,000	47,700	60,700	108,000
June	60,300	41,100	101,000	45,700	57,600	103,000
July	60,300	42,500	103,000	45,200	59,600	105,000
August	59,700	40,500	100,000	43,600	58,500	102,000
January - August	470,000	322,000	793,000	354,000	454,000	809,000

^pPreliminary. ^rRevised.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes production from Alaska, Idaho, Missouri, Montana, Nevada, New Mexico, and Utah.

³Includes copper content of precipitates and other metal concentrates.

TABLE 3
COPPER PRODUCED AT SMELTERS IN
THE UNITED STATES, BY SOURCE^{1,2}

(Metric tons, copper content)

Period	Anode production
2005: ^p	
January - August	333,000
August	49,300
September	48,500
October	51,800
November	47,500
December	42,200
January - December	523,000
2006:	
January	47,500 ^r
February	47,900 ^r
March	45,800 ^r
April	45,900 ^r
May	51,000 ^r
June	38,100 ^r
July	42,500
August	45,100
January - August	364,000

^pPreliminary. ^rRevised.

¹Includes blister, anode and copper from primary or secondary sources.

²Data are rounded to no more than three significant digits; may not add to total shown.

TABLE 4
PRODUCTION OF REFINED COPPER, BY SOURCE AND METHOD OF RECOVERY¹

(Metric tons)

Period	Primary materials			Scrap	Total refined
	Electrolytically refined ²	Electrowon	Total		
2005: ^P					
January - August	424,000 ^r	368,000 ^r	792,000	32,000	824,000
August	51,200	47,300	98,500	3,590	102,000
September	52,900	46,300	99,100	3,860	103,000
October	55,600	45,200	101,000	3,700	104,000
November	58,700	45,800	105,000	3,760	108,000
December	63,100	48,000	111,000	3,880	115,000
Year	654,000	554,000	1,210,000	47,200	1,260,000
2006:					
January	53,000	43,000	96,000	3,820	99,900
February	57,300	39,600	96,900	3,720	101,000
March	68,400	45,300	114,000	3,770	117,000
April	60,800	44,400	105,000	3,700	109,000
May	61,500	47,700	109,000	3,730	113,000
June	65,100	45,700	111,000	3,700	115,000
July	58,200	45,200	103,000	3,700	107,000
August	59,000	43,600	103,000	3,700	106,000
January - August	483,000	354,000	838,000	29,800	868,000

^PPreliminary. ^rRevised.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²From domestic and foreign source materials.

TABLE 5
COPPER RECOVERABLE IN UNALLOYED AND ALLOYED FORM FROM PURCHASED COPPER-BASE SCRAP¹

(Metric tons, copper content)

Period	Refineries ²		Ingot makers ³		Brass and wire-rod mills		Foundries, etc. ³		Total ⁴
	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	
2005: ^P									
January - August	10,700	21,300	17,100 ^r	42,600 ^r	439,000	22,700	16,300 ^r	22,600 ^r	593,000 ^r
August	1,340	2,260	2,140	5,320	56,400	2,840	2,040	2,830	75,200
September	1,340	2,520	2,140	5,320	56,800	2,810	2,040	2,830	75,800
October	1,340	2,360	2,140	5,320	59,000	1,410	2,040	2,830	76,400
November	1,340	2,420	2,140	5,320	57,300	1,410	2,040	2,830	74,800
December	1,340	2,550	2,140	5,320	54,500	1,490	2,040	2,830	72,200
Year	16,000	31,200	25,700	63,800	667,000	29,800	24,500	33,900	892,000
2006:									
January	1,340	2,480	2,140	5,320	63,500	1,460	2,040	2,830	81,100
February	1,340	2,390	2,140	5,320	58,300	496	2,040	2,830	74,900
March	1,340	2,430	2,140	5,320	62,700	1,560	2,040	2,830	80,400
April	1,340	2,370	2,140	5,320	60,700	1,060	2,040	2,830	77,800
May	1,340	2,400	2,140	5,320	62,900	1,840	2,040	2,830	80,800
June	1,340	2,370	2,140	5,320	63,000	1,400	2,040	2,830	80,400
July	1,340	2,370	2,140	5,320	59,400	697	2,040	2,830	76,100
August	1,340	2,370	2,140	5,320	60,800	838	2,040	2,830	77,700
January - August	10,700	19,200	17,100	42,600	491,000	9,330	16,300	22,600	629,000

^PPreliminary. ^rRevised.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Electrolytically refined and fire-refined scrap based on source of material at smelter level.

³Monthly data and 2005 cumulative data estimated based on 2004 annual data.

⁴Does not include an estimate, based on reported 2004 data of 3,096 tons per month from new scrap and 2,016 tons per month of copper recovered from scrap other than copper-base.

TABLE 6
PRODUCTION, SHIPMENTS, AND STOCKS OF BRASS AND WIRE-ROD SEMIFABRICATES¹

(Metric tons, gross weight)

Period	Production		Shipments		Stocks, end of period	
	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills
2005: ^p						
January - August	906,000	1,140,000	915,000	1,140,000	XX	XX
August	123,000	147,000	123,000	152,000	46,200	25,600
September	122,000	155,000	122,000	155,000	45,300	24,800
October	125,000	143,000	124,000	140,000	45,900	26,700
November	118,000	134,000	119,000	136,000	44,900	25,400
December	104,000	131,000	101,000	128,000	47,900	25,100
Year	1,370,000	1,700,000	1,380,000	1,700,000	XX	XX
2006:						
January	112,000	155,000	111,000	148,000	48,800	32,100
February	114,000	125,000	114,000	133,000	48,500	22,000
March	117,000	143,000	118,000	144,000	49,900	21,100
April	115,000	137,000	115,000	139,000	49,100	21,300
May	120,000	145,000	122,000	149,000	47,300	20,700
June	118,000	144,000	117,000	144,000	48,500	20,200
July	101,000	135,000 ^r	104,000	133,000 ^r	45,700	22,700 ^r
August	112,000	137,000	112,000	135,000	46,000	24,700
January - August	909,000	1,120,000	913,000	1,130,000	XX	XX

^pPreliminary. ^rRevised. XX Not applicable.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

TABLE 7
CONSUMPTION OF REFINED COPPER¹

(Metric tons)

Period and item	Brass mills	Wire-rod mills	Other plants ²	Total
2005: ^p				
January - August	352,000	1,120,000	41,300 ^r	1,510,000
August	45,900	151,000	5,160	202,000
September	45,300	154,000	5,160	204,000
October	46,200	144,000	5,160	195,000
November	42,900	135,000	5,160	183,000
December	41,200	126,000	5,160	173,000
Year	528,000	1,680,000	61,900	2,270,000
2006:				
January	44,300	159,000	5,160	209,000
February	42,600	125,000	5,160	172,000
March	45,000	135,000	5,160	185,000
April	42,800	141,000	5,160	189,000
May	47,200	147,000	5,160	199,000
June	41,500	148,000	5,160	195,000
July	37,200	139,000 ^r	5,160	182,000
August:				
Cathodes	25,300	139,000	954	165,000
Wire bars	--	--	(3)	(3)
Ingots and ingot bars	2,060	--	2,130	4,180
Cakes and slabs	(3)	--	(3)	(3)
Billets and other	10,800	--	2,080	12,900
Total	38,200	139,000	5,160	182,000
January - August	339,000	1,130,000	41,300	1,510,000

^pPreliminary. ^rRevised. -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Consumption by ingot makers, chemical plants, foundries, and miscellaneous manufacturers is estimated based on 2004 annual data.

³Withheld to avoid disclosing company proprietary data; included with "Billets and other."

TABLE 8
U.S. APPARENT CONSUMPTION OF COPPER¹

(Metric tons)

Period	Refined copper production	Copper in old scrap ²	Refined general imports ³	Refined exports ³	Stock change during period	Apparent consumption
2005: ^P						
January - August	792,000 ^r	124,000 ^r	597,000 ^r	29,600	(55,700) ^r	1,530,000 ^r
August	98,500	15,100 ^r	76,900	2,650	(11,000)	199,000
September	99,100	15,300 ^r	79,400	1,800	(10,700)	203,000
October	101,000	13,800 ^r	99,100	3,350	(4,470)	215,000
November	105,000	13,800 ^r	99,700	1,760	(4,780)	221,000
December	111,000	14,000 ^r	102,000	3,020	4,960	219,000
Year	1,210,000	181,000 ^r	977,000	39,500	(70,700)	2,400,000
2006:						
January	96,000	14,000 ^r	111,000	5,600	16,200	200,000
February	96,900	12,900 ^r	108,000	7,320	24,200 ^r	187,000
March	114,000	14,000 ^r	80,100	6,780	2,420 ^r	199,000 ^r
April	105,000	13,400 ^r	69,100	9,600	(18,500)	197,000
May	109,000	14,200 ^r	100,000	6,270	(2,890)	220,000
June	111,000	13,800 ^r	94,100	13,100	(10,100) ^r	216,000
July	103,000	13,100 ^r	91,400	6,010	9,220 ^r	193,000
August	103,000	13,200	NA	NA	7,930	NA
January - August	838,000	109,000	NA	NA	28,400	NA

^PPreliminary. ^rRevised. NA Not available.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes reported monthly production of copper from old scrap of copper-base, an estimate for annual reporters, and a monthly average of copper from non-copper-base materials based on 2004 data.

³Source: U.S. Census Bureau.

TABLE 9
CONSUMPTION OF PURCHASED COPPER-BASE SCRAP¹

(Metric tons, gross weight)

Period	Smelters and refineries		Ingot makers ²		Brass and wire-rod mills ³		Foundries, etc. ²		Total scrap used
	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	
2005: ^P									
January - August	10,800	21,600	26,800 ^r	61,100 ^r	557,000	23,900	28,400 ^r	25,400 ^r	755,000 ^r
August	1,350	2,280	3,350	7,640	71,400	2,980	3,550	3,180	95,700
September	1,350	2,550	3,350	7,640	71,700	2,990	3,550	3,180	96,400
October	1,350	2,380	3,350	7,640	74,100	1,550	3,550	3,180	97,000
November	1,350	2,580	3,350	7,640	71,600	1,530	3,550	3,180	94,700
December	1,350	2,570	3,350	7,640	68,000	1,640	3,550	3,180	91,300
Year	16,200	31,700	40,200	91,700	842,000	31,600	42,600	38,200	1,130,000
2006:									
January	1,350	2,790	3,350	7,640	79,400	1,590	3,550	3,180	103,000
February	1,350	2,670	3,350	7,640	72,900	659	3,550	3,180	95,300
March	1,350	2,670	3,350	7,640	78,500	1,730	3,550	3,180	102,000
April	1,350	2,670	3,350	7,640	75,500	1,070	3,550	3,180	98,300
May	1,350	2,670	3,350	7,640	78,300	1,850	3,550	3,180	102,000
June	1,350	2,670	3,350	7,640	78,900	1,410	3,550	3,180	102,000
July	1,350	2,670	3,350	7,640	73,000	704	3,550	3,180	95,400
August	1,350	2,670	3,350	7,640	76,700	847	3,550	3,180	99,300
January - August	10,800	21,400	26,800	61,100	613,000	9,860	28,400	25,400	797,000

^PPreliminary. ^rRevised.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Monthly data and 2005 cumulative data estimated from 2004 annual data.

³Consumption at brass and wire-rod mills assumed equal to receipts.

TABLE 10
CONSUMPTION OF PURCHASED COPPER-BASE SCRAP^{1,2}

(Metric tons, gross weight)

Scrap type and processor	2005 ^p		2006			
	January - August	Year	June	July	August	January - August
No. 1 wire and heavy:						
Smelters and refiners	39,100 ^r	58,900	5,240	5,240	5,240	42,000
Brass and wire-rod mills	251,000	382,000	35,200	35,600	33,300	279,000
No. 2 mixed heavy and light:						
Smelters and refiners	17,500 ^r	25,200	1,520	1,520	1,520	12,400
Brass and wire-rod mills	3,730	5,260	1,400	1,180	1,190	9,160
Total unalloyed scrap:						
Smelters and refiners	56,600 ^r	84,100	6,760	6,760	6,760	54,300
Brass and wire-rod mills	255,000	387,000	36,600	36,800	34,500	288,000
Red brass: ³						
All plants	26,200 ^r	40,700	3,310	2,970	3,170	26,400
Leaded yellow brass:						
All plants	128,000 ^r	191,000	17,300	14,200	15,200	128,000
Yellow and low brass:						
All plants	117,000	175,000	15,600	13,900	17,300	124,000
Cartridge cases and brass:						
All plants	63,800	94,500	7,860	6,840	8,330	63,900
Auto radiators:						
Smelters and refiners	16,600 ^r	25,000	2,080	2,080	2,080	16,600
Bronzes:						
Smelters and refiners	7,400 ^r	11,100	925	925	925	7,400
Brass mills	3,720 ^r	5,790	788	600	554	4,880
Nickel-copper alloys:						
All plants	12,700 ^r	18,200	1,940	1,540	1,600	13,300
Low grade and residues:						
Smelters and refiners	23,500 ^r	35,300	2,940	2,940	2,940	23,500
Other alloy scrap: ⁴						
Smelters and refiners	752 ^r	1,130	94	94	94	752
Brass mills	4,000 ^r	6,000	500	500	500	4,000
Total alloyed scrap:						
Smelters and refiners	76,700 ^r	115,000	9,590	9,590	9,590	76,700
Brass mills	327,000 ^r	488,000	43,800	37,000	43,100	336,000
Total scrap:						
Smelters and refiners	133,000 ^r	199,000	16,300	16,300	16,400	131,000
Brass and wire-rod mills	582,000 ^r	876,000	80,500	73,800	77,600	624,000

^pPreliminary. ^rRevised.

¹Does not include: consumption by foundries, chemical plants, and miscellaneous manufacturers, estimated to total about 6,728 tons of scrap per month based on 2004 annual data; monthly data include estimates of about 10,984 tons of scrap per month consumed by ingot makers.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Includes composition turnings, silicon bronze, zincy bronze, railroad car boxes, cocks and faucets, gilding metal, and commercial bronze.

⁴Includes refinery brass, beryllium copper, phosphor copper, and aluminum bronze.

TABLE 11
COPPER STOCKS AT END OF PERIOD¹

(Metric tons)

Period	Crude copper ²	Refined copper					Total refined	
		Refineries ³	Wire-rod mills ³	Brass mills ³	Other ⁴	Comex ⁵		LME ⁶
2005: ^p								
August	43,800	5,540	28,600	20,700	5,750	8,420	11,900	80,900
September	54,800	5,950	20,700	20,800	5,750	6,910	10,000	70,200
October	50,900	6,640	17,200	21,900	5,750	3,350	10,800	65,700
November	42,900	6,210	18,400	23,400	5,750	3,340	3,830	60,900
December	44,300	8,190	20,400	24,500	5,750	6,180	800	65,900
2006:								
January	17,300	11,200	26,800	27,800	5,750	10,600	25	82,100
February	21,700	14,500	28,600	29,900	5,750	27,600	--	106,000
March	15,200	13,300	27,700	28,100	5,750	32,000	1,880	109,000
April	18,800	7,690	28,400	31,700	5,750	15,500	1,080	90,200
May	40,600	9,960	30,300	31,400	5,750	9,540	350	87,300
June	13,500	6,210	24,400	32,700	5,750	7,900	225	77,200
July	18,500	7,950	31,600	34,300	5,750	6,760	--	86,400
August	14,600	9,970	24,800	38,600	5,750	12,400	--	91,500

^pPreliminary. -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Copper content of blister and other materials in transit and in process of refining.

³Stocks of refined copper as reported; no estimates are made for nonrespondents.

⁴Monthly estimates based on reported and 2004 annual data, comprising stocks at ingot makers, chemical plants, foundries, and miscellaneous manufacturers.

⁵Commodity Exchange Inc., New York.

⁶London Metal Exchange Ltd., U.S. warehouses.

TABLE 12
AVERAGE PRICE OF COPPER IN THE UNITED STATES
AND ON THE LONDON METAL EXCHANGE

(Cents per pound)

Period	U.S. producers delivered price cathode ¹	Comex first position ²	LME cash price Grade A
2005:			
August	176.905	171.639	172.230
September	180.623	175.350	174.959
October	195.568	190.302	184.119
November	206.396	201.130	193.622
December	222.511	217.245	207.569
Year	173.493	168.227	166.837
2006:			
January	224.000	218.258	214.716
February	230.905	225.079	225.965
March	238.235	232.409	231.438
April	302.679	296.853	289.673
May	381.687	375.861	364.874
June	345.474	339.648	326.400
July	368.147	362.321	349.740
August	358.887	353.061	348.985
January - August	306.252	300.436	293.974

¹Listed as "U.S. producer cathode."

²Listed as "Comex high grade first position."

Sources: Platts Metals Week and American Metal Market.

TABLE 13
NEW YORK AVERAGE BUYING PRICES FOR COPPER SCRAP

(Cents per pound)

Month	Brass mills No. 1 scrap	Refiners No. 2 scrap	Dealers (New York)	
			No. 2 Scrap	Red brass turnings and borings
2005:				
August	142.26	126.52	99.00	65.00
September	142.86	128.38	99.00	65.00
October	176.90	162.95	99.00	65.00
November	183.70	168.10	99.00	65.00
December	201.59	179.59	117.91	74.07
Year	153.46	137.28	95.92	61.10
2006:				
January	208.32	188.91	125.00	82.50
February	221.85	206.90	125.00	82.50
March	229.26	225.24	170.00	77.50
April	283.85	257.95	170.00	77.50
May	355.17	322.74	170.00	77.50
June	310.98	279.19	192.62	121.10
July	333.43	273.15	197.35	118.20
August	328.30	265.84	210.05	125.32
January - August	283.90	252.49	170.00	95.27

Source: American Metal Market.

TABLE 14
U.S. IMPORTS FOR CONSUMPTION OF COPPER (UNMANUFACTURED), BY CLASS¹

(Metric tons, copper content)

Country or territory	Ore and concentrate			Matte, ash and precipitates			Blister and anodes			Refined		
	2006			2006			2006			2006		
	2005	July	January - July	2005	July	January - July	2005	July	January - July	2005	July	January - July
Austria	--	--	--	--	--	--	--	--	--	3,360	--	1,510
Brazil	--	--	--	--	--	--	10	--	--	30,500	2,020	16,200
Canada	2	--	191	138	39	238	86,500	8,650	49,500	296,000	24,700	151,000
Chile	--	--	--	--	--	--	41,700	7,570	38,700	429,000	44,300	313,000
Finland	--	--	--	--	--	--	65	60	587	2,910	--	--
Germany	--	--	--	--	(2)	(2)	12	--	--	24,900	2,440	18,900
Japan	--	--	--	--	--	--	(2)	(2)	(2)	5,340	511	3,830
Kazakhstan	--	--	--	--	--	--	--	--	--	6,300	1,520	30,300
Mexico	221	--	--	37	--	17	3,870	334	1,680	28,900	239	12,200
Peru	--	--	--	--	--	--	--	--	--	154,000	15,400	99,500
Taiwan	--	--	--	1,180	112	662	--	--	--	--	--	--
Other	--	--	1	287	--	77	16	--	1	23,200	399	7,710
Total	223	--	192	1,640	152	995	132,000	16,600	90,500	1,000,000	91,400	654,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 15
U.S. EXPORTS OF COPPER (UNMANUFACTURED), BY CLASS¹

(Metric tons, copper content)

Country or territory	Ore and concentrate			Matte, ash and precipitates			Blister and anodes			Refined		
	2006			2006			2006			2006		
	January -			January -			January -			January -		
	2005	July	July	2005	July	July	2005	July	July	2005	July	July
Australia	--	--	--	11	5	1,840	43	--	27	67	--	64
Belgium	41	--	--	37	--	74	724	17	376	49	--	--
Canada	18,300	9,580	33,600	30,900	6,220	45,500	20,500	460	3,360	2,070	3,620	40,100
China	75,700	11,800	70,000	9,650	1,120	4,990	343	20	201	19,000	348	5,930
Costa Rica	3	--	--	(2)	--	7	1	--	--	2	7	8
Germany	--	--	--	93	--	--	779	95	487	182	9	20
Hong Kong	2	--	--	1	--	2	3,190	276	2,430	7	--	22
India	149	--	2	1	--	3	58	5	93	6,650	488	2,770
Japan	28,700	10,300	47,700	70	--	2	2,230	2	436	5	--	(2)
Korea, Republic of	1	--	10,500	32	(2)	11	464	34	554	132	--	42
Mexico	6,380	21,200	42,900	682	1,150	1,290	2,660	6	252	9,860	1,490	4,710
Saudi Arabia	--	--	--	--	--	--	11	--	--	11	--	93
Singapore	19	--	--	20	--	26	491	20	300	13	--	--
Spain	1,730	188	400	--	--	--	203	20	119	--	--	43
Sweden	--	--	--	--	--	--	3,190	--	1,820	--	--	2
Taiwan	15	--	--	14	3	6	1,680	80	986	180	--	188
Other	5,600	--	156	338	135	841	4,950	103	1,430	1,300	44	689
Total	137,000	53,100	205,000	41,800	8,630	54,600	41,600	1,140	12,900	39,500	6,010	54,700

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 16
U.S. COPPER SCRAP IMPORTS¹

(Metric tons, gross weight)

Country or territory	Unalloyed			Alloyed		
	2006			2006		
	January -			January -		
	2005	July	July	2005	July	July
Brazil	--	--	--	276	21	140
Canada	9,080	794	4,410	47,700	3,170	28,200
China	--	--	1	120	25	308
Costa Rica	2,020	181	1,000	495	208	753
Germany	85	6	31	76	(2)	1
Guatemala	79	20	89	1,500	219	1,320
Honduras	1,910	91	1,210	651	60	493
Jamaica	269	33	208	125	11	66
Japan	70	--	72	135	--	29
Mexico	13,300	559	4,210	24,800	2,590	17,300
Nicaragua	831	61	489	573	36	290
Russia	--	--	--	--	--	101
Singapore	--	--	--	102	4	104
Taiwan	2	--	--	348	35	180
United Kingdom	258	9	106	925	27	345
Other	2,150	70	1,550	5,850	598	2,900
Total	30,100	1,830	13,400	83,700	7,000	52,600

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 17
U.S. COPPER SCRAP EXPORTS¹

(Metric tons, gross weight)

Country or territory	Unalloyed							Alloyed					
	2006							2006					
	No. 1			No. 2			Other	Segregated			Unsegregated		
	January -			January -			January -	January -			January -		
	2005	July	July	July	July	July	July	2005	July	July	July	July	July
Belgium	644	--	156	4	22	20	760	6,890	83	773	862	6,390	
Canada	27,900	--	--	--	--	9,300	39,000	13,900	965	8,400	2,820	14,700	
China	265,000	2,980	19,900	9,370	70,700	6,650	36,300	182,000	9,520	69,100	8,340	57,500	
Germany	10,600	252	1,480	--	347	1,650	4,840	9,990	1,540	3,550	695	6,460	
Hong Kong	9,200	41	140	227	1,360	40	373	12,800	60	607	719	6,000	
India	4,460	--	220	--	--	144	851	15,800	356	6,460	169	532	
Japan	6,710	56	390	--	97	475	2,630	7,950	695	3,850	215	740	
Korea, Republic of	27,200	835	6,100	207	2,480	678	4,850	10,200	1,300	7,230	--	48	
Mexico	1,010	--	106	--	--	18	39	1,570	134	685	438	4,080	
Spain	145	2	9	57	57	20	22	5,580	--	31	1,560	6,910	
Taiwan	11,600	343	1,250	1,210	3,220	247	1,480	10,600	78	3,960	22	64	
Thailand	874	--	--	--	--	--	98	475	--	225	--	--	
United Kingdom	276	--	1	--	--	--	80	3,440	--	149	--	--	
Other	1,120	448	931	--	57	--	1,040	10,200	254	1,550	585	4,740	
Total	366,000	4,960	30,700	11,100	78,300	19,200	92,400	291,000	15,000	107,000	16,400	108,000	

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.